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You can read the recommendations in the user guide, the technical guide or the installation guide for NILFISK C 120.3. You'll find the answers to all your questions on the NILFISK C 120.3 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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Nilfisk C 120.3
Nilfisk C 125.3
Nilfisk C 120.5 X-TRA



User Manual

128930335

Nilfisk



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Manual abstract:

@@@This appliance is not intended for use by children or other persons without assistance or supervision if their physical, sensory or mental capabilities prevent them from using it safely. Children should be supervised to ensure that they do not play with the appliance. Before starting up your machine please check it carefully for any defects. If you find any, do not start up your machine and contact your Nilfisk distributor. Especially check: The insulation of the electric cable should be faultless and without any cracks. If the electric cable is damaged, an authorized Nilfisk distributor should replace it. **WARNING!** High pressure jets can be dangerous. Never direct the water jet at persons, pets, live electrical equipment or the machine itself. Never try to clean clothes or footwear on yourself or other persons. Hold the spray lance firmly with both hands.

The spray lance is affected by a thrust of up to 16.4 N during operation. The operator and anyone in the immediate vicinity of the site of cleaning should take action to protect themselves from being struck by debris dislodged during operation. Wear goggles and protection clothes during operation. This appliance has been designed for use with cleaning agents supplied or recommended by the manufacturer.

The use of other cleaning agents or chemicals may adversely affect the safety of the appliance. Disconnect from electrical power supply before carrying out user maintenance. To ensure the appliance safety only use original spare parts from the manufacturer or approved by the manufacturer. High pressure hoses, fittings and couplings are important for the safety of the appliance. Only use hoses, fittings and couplings recommended by the manufacturer. Do not use the appliance if a supply cord or important parts of appliance are damaged, e.g. safety device, high pressure hose and trigger gun. The appliance is intended to clean cars and garden etc.. Appropriate ear protection has to be used. Never use the machine in an environment where there could be a danger of explosion. If any doubt arises, please contact the local authorities. It is not allowed to clean asbestos-containing surfaces with high pressure. This high pressure washer must not be used at temperatures below 0°C.

WARNING! Inadequate extension cables can be dangerous. Cables on drums should always be completely unwinded to prevent the cable from overheating. Extension cables should be of a watertight construction and comply with the below-mentioned requirements for length and cable dimensions. 1.0 mm² 1.5 mm² 2.5 mm² max. max. max. 12.

5 m 20 m 30 m Cable connections should be kept dry and off the ground. If the electric cable is damaged, it must be replaced by the manufacturer or his service agent or similarly qualified person in order to avoid a hazard. Mains power connection least 10 metres to absorb possible pressure peaks (min diameter 1/2 inch). Operation by suction (for example from a rainwater vessel) is carried out without backflow preventer. Recommended suction set: 126411387.

As soon as water has flown through the BA valve, this water is not considered to be drinking water any more. The following should be observed when connecting the high pressure washer to the electric installation: Only connect the machine to an installation with earth connection. The electric installation shall be made by a certified electrician. It is strongly recommended that the electric supply to this machine should include a residual current device (GFCI).

Water connection Connection to the public mains according to regulations.

This high pressure washer is only allowed to be connected with the drinking water mains, when an appropriate backflow preventer has been installed, Type BA according to EN 1717. The backflow preventer can be ordered under number 106411177. The length of the hose between the backflow preventer and the high pressure washer must be at **IMPORTANT!** Only use water without any impurities. If there is a risk of running sands in the inlet water (i.e. from your own well), an additional filter should be mounted. Repair and maintenance **WARNING!** Always remove the electric plug from the socket before carrying out maintenance work on the machine. Safety devices Locking device on spray gun (7a) (see foldout at the end of this manual): The spray gun features a locking device. When the pawl is activated, the spray gun cannot be operated. Thermal sensor: A thermal sensor protects the motor against overloading.

The machine will restart after a few minutes when the thermal sensor has cooled. Pressure safety device An integrated hydraulic safety valve protects the system from excessive pressure. 4 2 Description 2.1 Application This high-pressure washer has been developed for domestic use within: - Car, motorbike, boat, caravan, trailer, patio/drive/flagstones, woodwork, brickwork, barbecue, garden furniture, lawn mower Section 5 describes the use of the high-pressure washer for various cleaning jobs. Only use the high-pressure washer for purposes described in this manual. The safety precautions must be observed to prevent damage to the machine, the surface to be cleaned or severe personal injuries. 2.2 Operation elements and model survey See illustration at the end of this manual. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 Start/stop switch Water inlet (with filter) High pressure connection High pressure hose Electric cable Click & Clean spray lance Spray gun with lock Click & Clean Tornado® PR nozzle Click & Clean Powerspeed® nozzle Click & Clean foam sprayer Nozzle cleaning tool Trolley Handle Hose reel (not standard) Hose hook Model tag Warning sign Cable hook Specifications: See model tag (15) of machine. Sound pressure level measured in accordance with ISO 3744, EEC Directive 2000/14/EEC: C 120.

3/C 125.3: LpA = 78 dB(A), LWA = 92 dB(A). C 120.5 X-TRA: LpA = 71.3 dB(A), LWA = 86 dB(A).

Hand/arm vibrations measured according to ISO 5349 is < 2.5 m/s². We reserve the right to alter the specifications. 5 3 Before you start using your pressure washer 3.1 Mounting of trolley handle and hose hook 1.

Mount the trolley handle (12) on the machine. 2. Mount the hose hook (14) on the handle. 3.2 Mounting of trolley handle and hose reel (models with hose reel) 1. Mount the trolley handle (12) on the machine. 2. Mount the hose reel (13) on the handle 3.3 Mounting of cable book (C 120.5 X-TRA) Click cable hooks (17) on to the machine.

3.4 Mounting of quick coupling 1. Screw the quick coupling tight on to the water inlet (2). Note: The inlet filter must always be fitted in the water inlet pipe to filter out sand, limestone and other impurities as these will damage the pump valves. Caution: Failure to fit the filter will invalidate the guarantee. 6 3.5 Mounting of high pressure hose Attach the high pressure hose (4) to the spray gun (7). Detach the high pressure hose by pressing the pawl (A). 4 Operating your pressure washer 4.1 Connection of high pressure hose 1.



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Mount the high pressure hose on the outlet (3). 4.2 Mounting of spray lance and Click & Clean nozzles 1. Push the spray lance (6) into the spray gun (7) and screw it on. Note: The spray lance (6) has a built-in low pressure nozzle that can be used for flushing away dirt.

2. Attach the nozzle. Warning: When attaching the Click & Clean nozzles, the pawl on the side of the spray lance should come out again. Note: The Tornado® PR nozzle and the foam sprayer feature a swivel lock, which must be positioned in the hole in the Click & Clean spray lance. Press the pawl to detach the Click & Clean nozzle.

6 7 7 4.3 Water connection An ordinary 1/2" garden hose of min. 10 m and max. 25 m will be suitable. IMPORTANT! Only use water without any impurities. If there is a risk of running sands in the inlet water (i.e. from your own well), an additional filter should be mounted. 1. Let the water run through the water hose before connecting it to the machine to prevent sand and dirt from penetrating the machine.

Note: Check that the filter is fitted in the water inlet pipe and that it is not clogged up. 2. @@@pressure: 10 bar, max. temperature: 40°C). 3. @@@IMPORTANT: Point the nozzle at the ground. 1. Check that the machine is in upright position. NOTE: Do not place the machine in high grass! 2. Release the trigger lock.

3. @@@4. Turn the start/stop switch (1) to position "I". 5. Activate the trigger of the spray gun.

@@@@Turn the start/stop switch (1) to position "O". 2. Disconnect the electrical plug from the socket. 3. @@@4.

Lock the spray gun. @@@@The hose for the water supply must not be too long, approx. 5 m. @@Place the other end of the water hose in the water tank.

Use an external filter if the water contains impurities. 2. Turn the start/stop switch (1) to position "I". 3. @@@4. @@@@@@@@@@@@@@@@Note: It is important that hose and accessories should always be emptied of water prior to storing as follows: 1.

@@@@. Restart the machine and activate the trigger. Let the machine run until no more water runs through the spray gun. 3. Stop the machine, unplug and wind up hose and cable. 4. @@@@NEVER START-UP A FROZEN MACHINE. @@@@Built-in clip for good holding. @@@@Only mount the wall hook on a sturdy wall. Adjust the length of the screws and size of rawlplugs to the type of wall.

On the wall hook garden/rim brush (a) foam sprayer (b), Click & Clean brush (c) and Click & Clean nozzles (d) can be stored. Note: For this product the wall hook can only be used as storage. Important: The bearing capacity of the wall hook is max. 30 kg. 12 7 Maintenance WARNING! Always disconnect the electrical plug from the socket prior to maintenance or cleaning.

To ensure a long and problem free working life, please take the following advice: Wash out water hose, high pressure hose, spray lance and accessories before mounting. Clean the connectors of dust and sand. Make sure that no sand or dirt is blocking the movement of the pawl on the Click & Clean spray lance. Rinse according to requirement. Rinse the detergent spraying attachment after use.

Clean the nozzles. Any repair should always be made in an authorized workshop with original spare parts. 7.1 Cleaning of water inlet filter Clean the water inlet filter regularly once a month or more frequently according to use. Carefully loosen the filter with a screwdriver and clean it. Check that it is intact before re-mounting it. The inlet filter must always be fitted inside the water inlet pipe to filter out sand, limestone and other impurities, as they will damage the pump valves. CAUTION: Failure to fit the filter will invalidate the guarantee. 7.2 Cleaning of nozzle A clogging up in the nozzle causes a pump pressure which is too high.

This is why cleaning is required immediately. 1. Stop the machine and disconnect the nozzle. 2. Clean the nozzle. IMPORTANT: The cleaning tool (11) should only be used when the nozzle is detached! 3. Flush the nozzle backwards with water. 13 7.3 Cleaning of machine vents The machine should be kept clean so as to let cooling air pass freely through the machine vents. 7.

4 Greasing of couplings To ensure an easy connection and that o-rings do not dry up, the couplings should be greased regularly. 14 8 Trouble-shooting To avoid unnecessary disappointments, you should check the following before contacting the Nilfisk service organization: Symptom Cause Recommended action Plug in machine. Try another socket. Replace fuse. Switch off other machines.

Try without the extension cable. Check that hoses and connections are airtight. Clean and replace or refer to local Nilfisk distributor Clean and replace or refer to local Nilfisk distributor. Activate the trigger of the spray gun. Replace fuse.

Switch off other machines. Check that the mains voltage corresponds to specification on the model tag. Leave the washer for 5 minutes to cool down. Clean the nozzle (see section 7.2) Change to an installation higher than the amp. consumption of the machine. You may try without the extension cable. Allow machine to run with open trigger until regular working pressure resumes. Check that the water supply corresponds to specifications required (see model tag) NB! Avoid using long, thin hoses (min. 1/2") Clean the nozzle (see section 7.

2) Clean the filter (see section 7.1) Straighten out hose. Contact your nearest Nilfisk Service Centre. Wait for pump/hoses or accessory to thaw. Connect inlet water. Clean the filter (see section 7.1) Clean the nozzle (see section 7.2) Machine refuses to start Machine not plugged in Defective socket Fuse has blown Defective extension cable Fluctuating pressure Pump sucking air Valves dirty, worn out or stuck Pump seals worn out Motor busses Machine stops Low voltage or low temperature Fuse has blown Incorrect mains voltage Thermal sensor activated Nozzle partially blocked Fuse blows Fuse too small Machine pulsating Air in inlet hose/pump Inadequate supply of mains water Nozzle partially blocked Water filter blocked Hose kinked Machine often starts and stops by itself Machine starts, but no water comes out Pump/spray gun is leaking Pump/hoses or accessory frozen No water supply Water filter blocked Nozzle blocked In case problems other than the above occur, please contact your local Nilfisk distributor. UK: Customer Services at Penrith - 01768 868995 15 9 Further information 9.1 Recycling the washer Make the old cleaner unusable immediately.

1. Unplug the cleaner and cut the electric cable. Do not discard electrical appliances with household waste. As specified in European Directive 2002/96/EC on old electrical and electronic appliances, used electrical goods must be collected separately and recycled ecologically. Contact your local authorities or your nearest dealer for further information.

9.2 Warranty conditions Nilfisk guarantees high pressure washers for domestic use for 2 years. If your high pressure washer or accessories are handed in for repair, a copy of the receipt must be enclosed.



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Guarantee repairs are being made on the following conditions: that defects are attributable to flaws or defects in materials or workmanship. (wear and tear as well as misuse are not covered by the guarantee).

that the directions of this instruction manual have been thoroughly observed. that repair has not been carried out or attempted by other than Nilfisk-trained service staff. that only original accessories have been applied. that the product has not been exposed to abuse such as knocks, bumps or frost. that only water without any impurities has been used. that the high pressure washer has not been used for rental nor used commercially in any other way. Repairs under this guarantee include replacement of defective parts, exclusive of packing and postage/carriage. Besides, we refer to your national law of sale. The machine should be forwarded to one of the service centres of the Nilfisk organisation with description/specification of the fault. Repairs not covered by the guarantee conditions will be invoiced.

(I.e. malfunctions due to Causes mentioned in section Troubleshooting Chart of the instruction manual). 16 9.3 Accessories Only use original accessories. Click & Clean Car nozzle Click & Clean Undershassis nozzle Special nozzle for enameled surfaces. Optimal distance: 30 - 50 cm. 90° angled special nozzle for undercarriage and wheel arches. Integrated guide shoes. Click & Clean Multiangle adaptor Click & Clean Brushes Extension hose Underchassis spray lance Drain & Tube cleaner Adjusted in angles from 0° - 90° for better working posture and cleaning of hard to get at places as for instance barrels or the underside of the lawn mower.

Fits all nozzles. For cars and other surfaces. Available in more shapes. 7 m extension hose increasing the working range. @@@@garden pounds. @@@@Suitable for moss and algae. For plastic and synthetic materials such as garden furniture. For cleaning of metal such as garden tools. For cars etc. With rinsing wax.

For surfaces of aluminium. Applied with an atomizer. For cleaning of grease and oil on motors for instance. Applied with an atomizer. For cleaning of wooden surfaces incl. @ @ 10 89287 Bellenberg Tel.: (+49) 180 5 37 37 37 E-mail: info.de@nilfisk-alto.com POLAND Nilfisk-Advance Sp. Z.

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